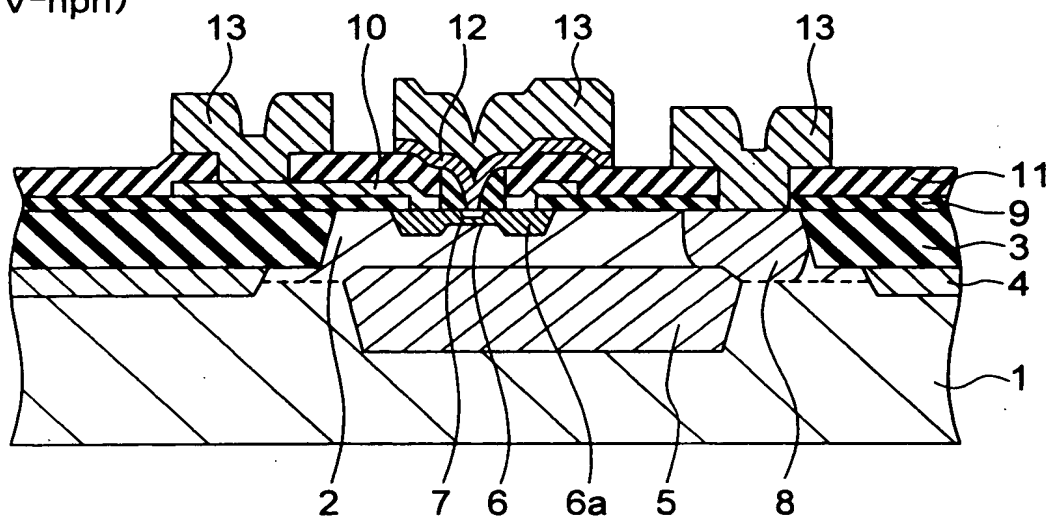


(V-npn)



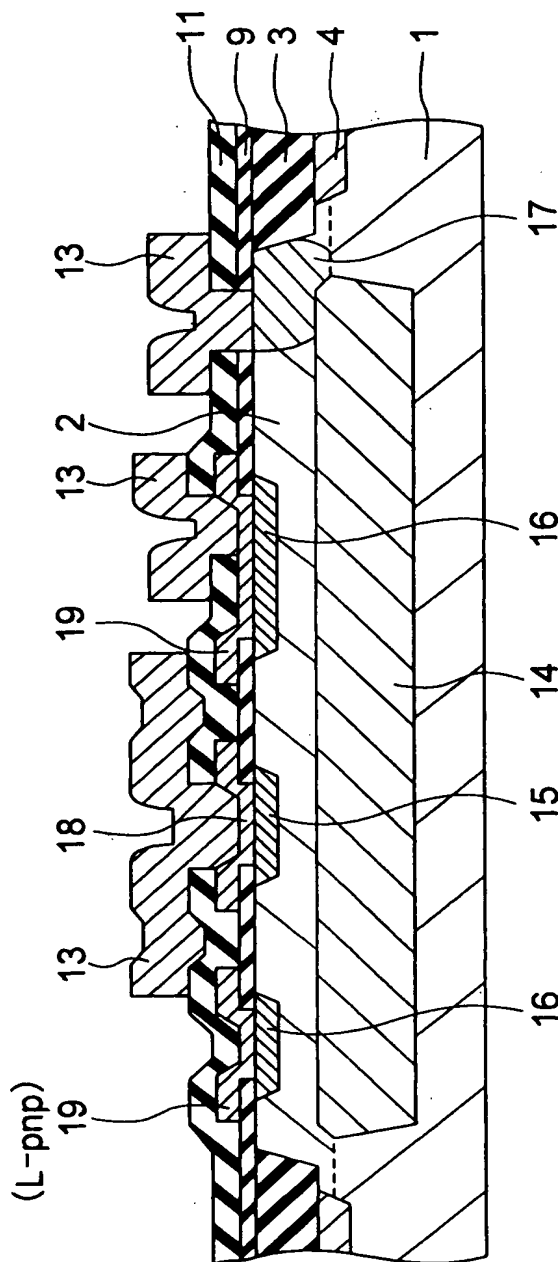


FIG. 2A

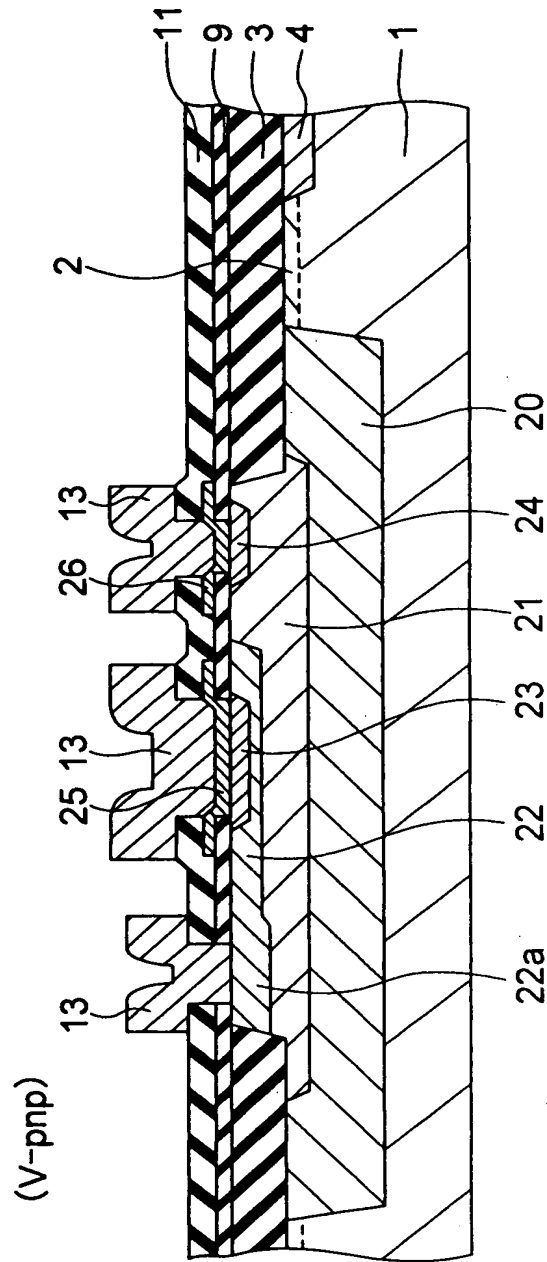


FIG. 2B

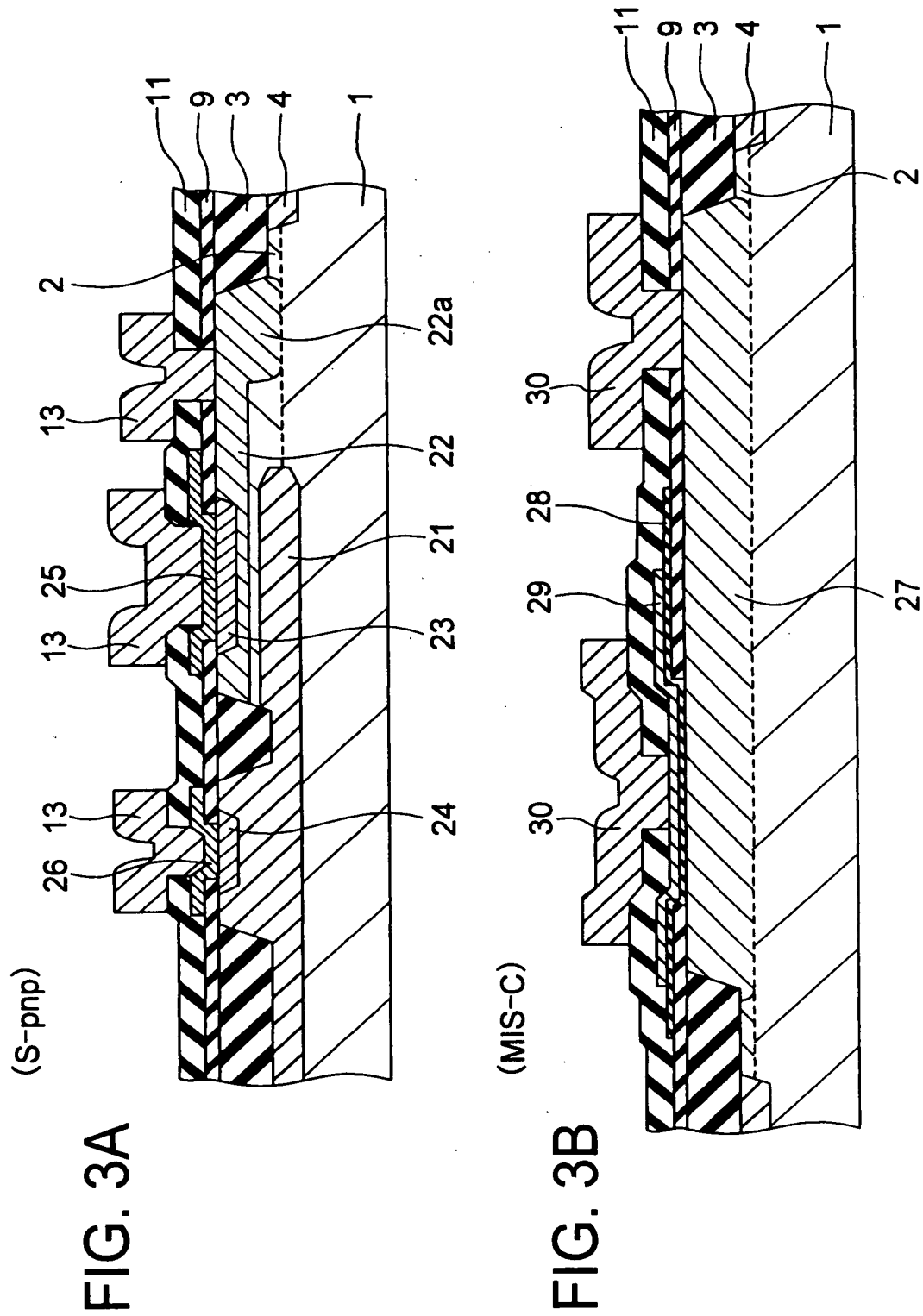


FIG. 4

(Poly-R)

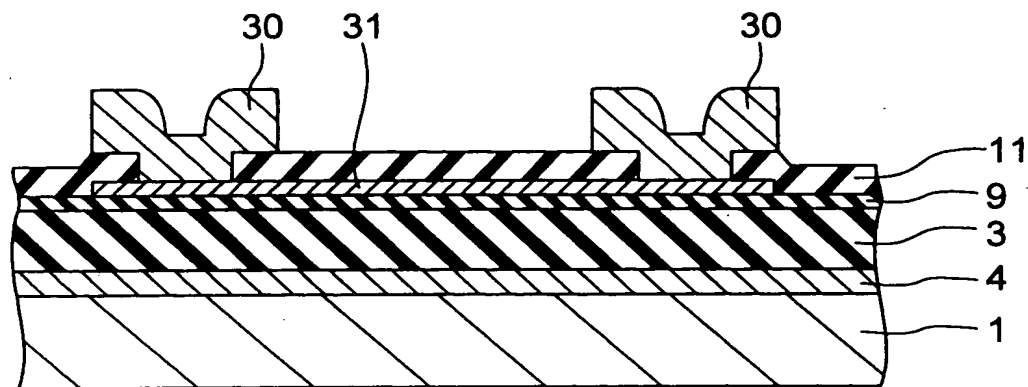


FIG. 5A

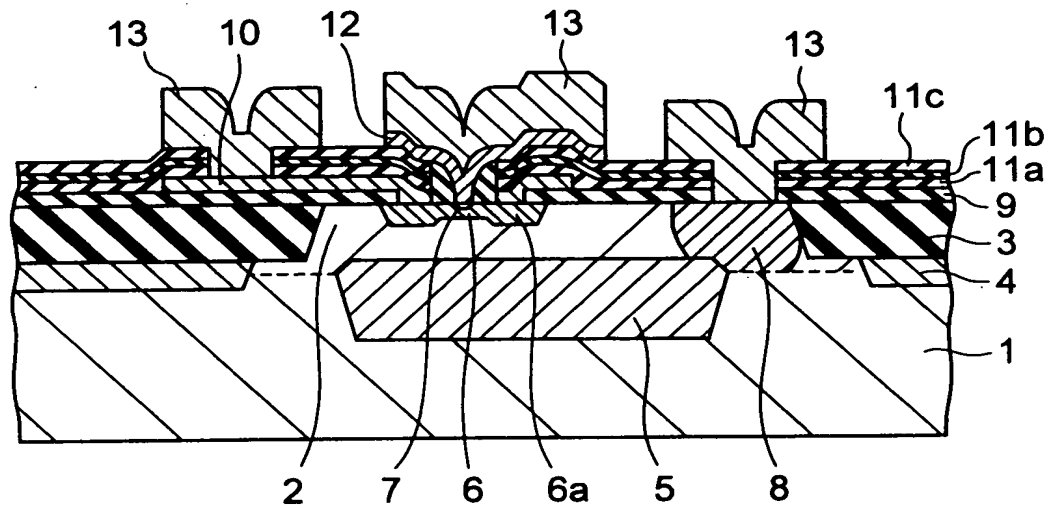


FIG. 5B

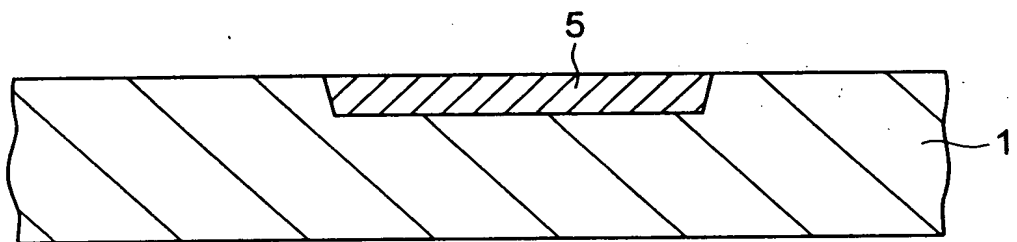


FIG. 5C

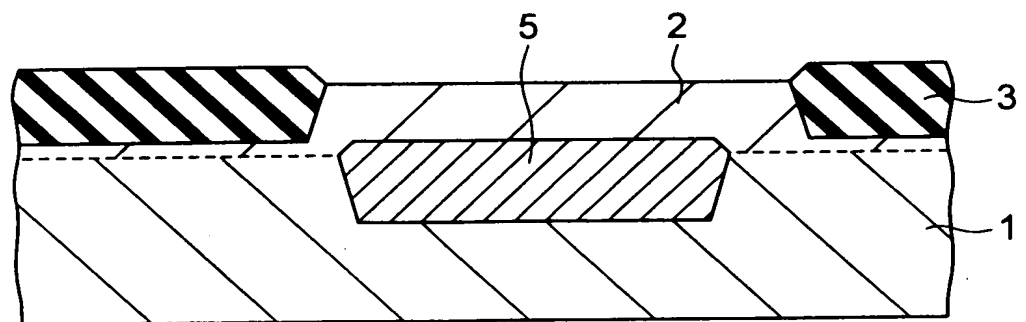


FIG. 6A

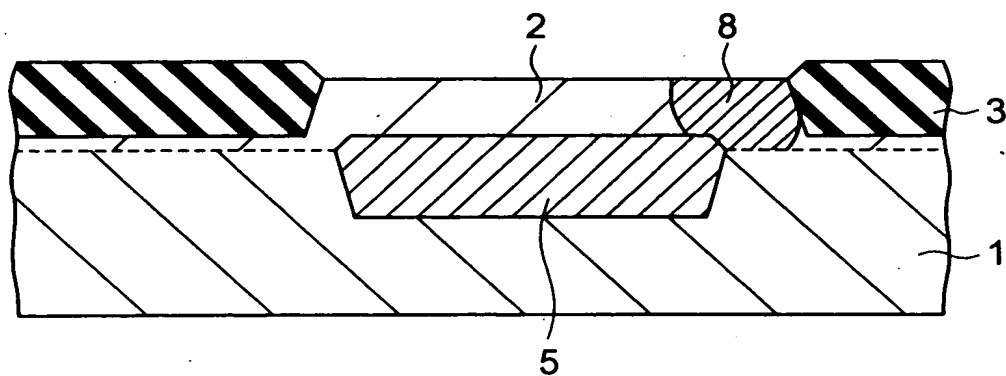


FIG. 6B

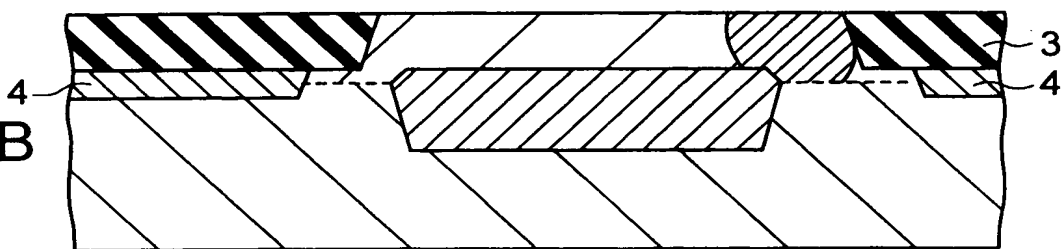


FIG. 6C

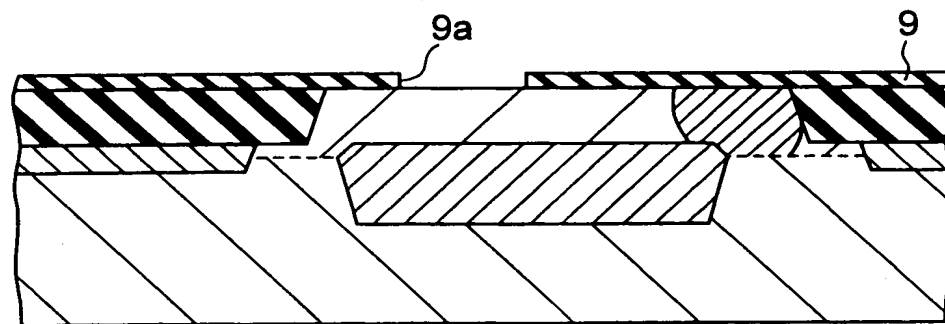


FIG. 7A

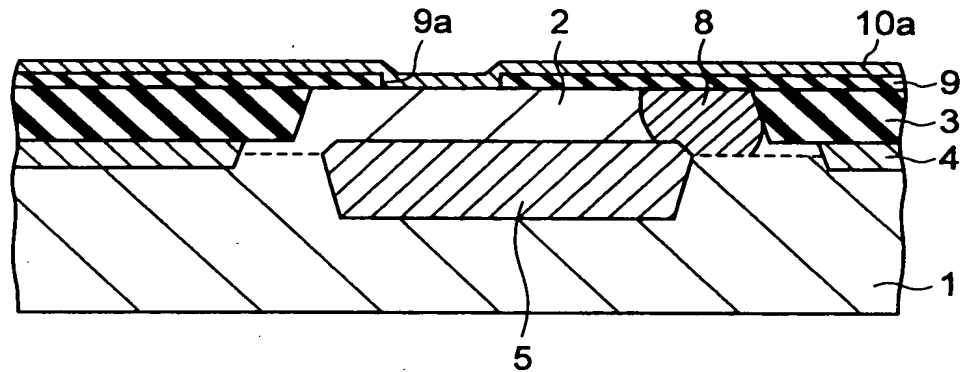


FIG. 7B

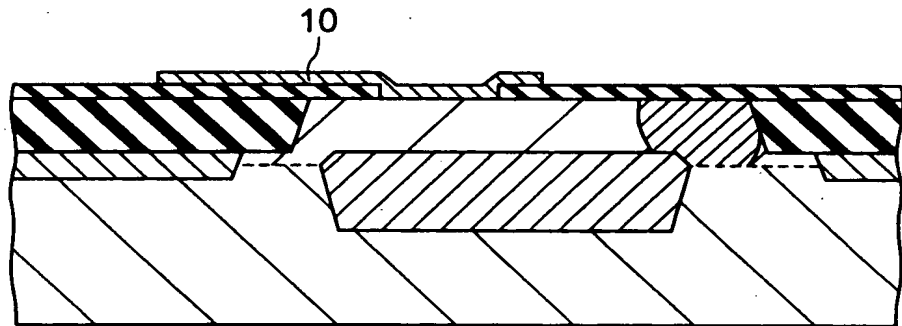
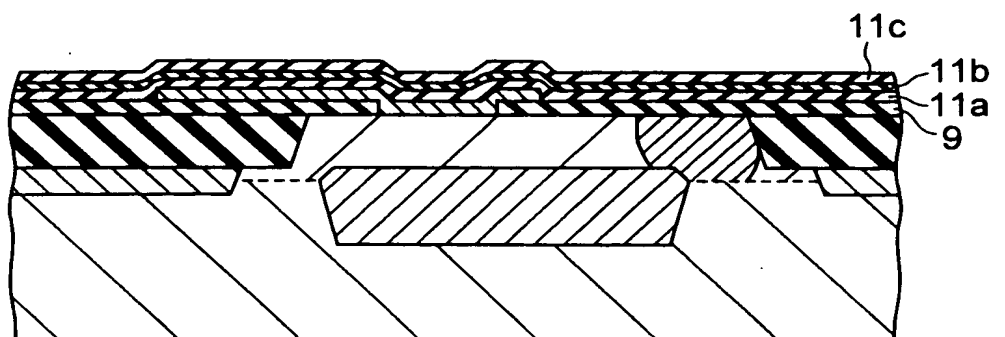
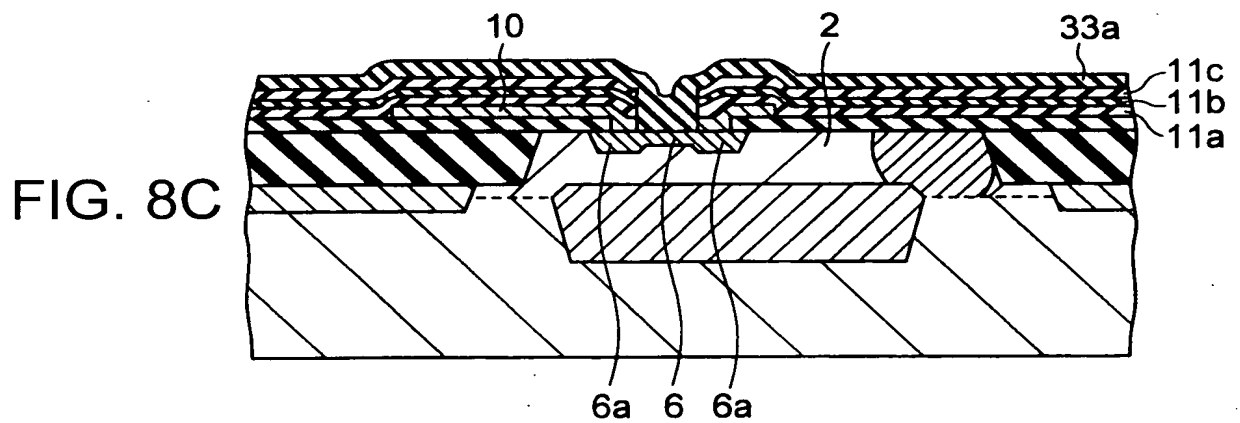
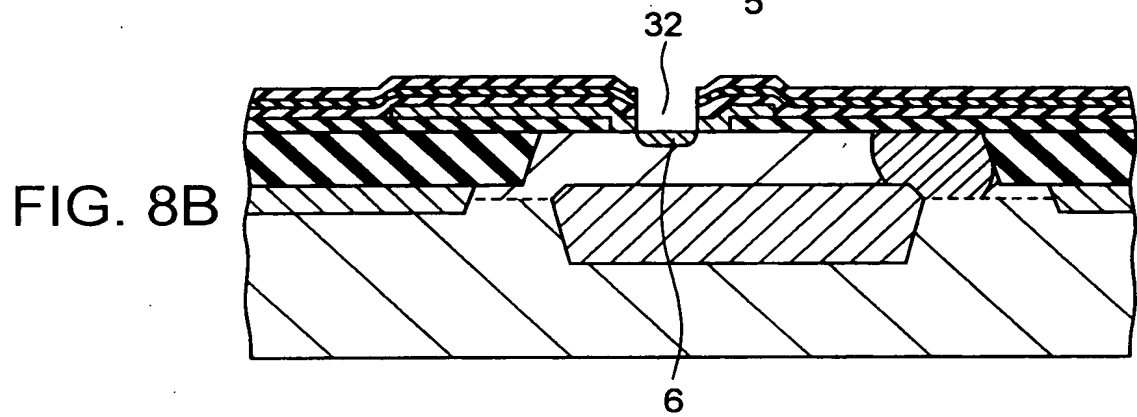
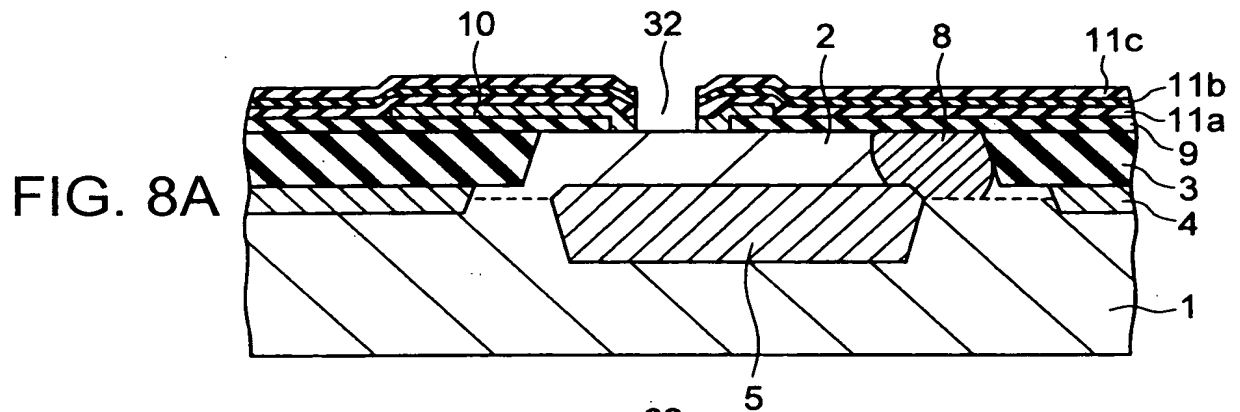
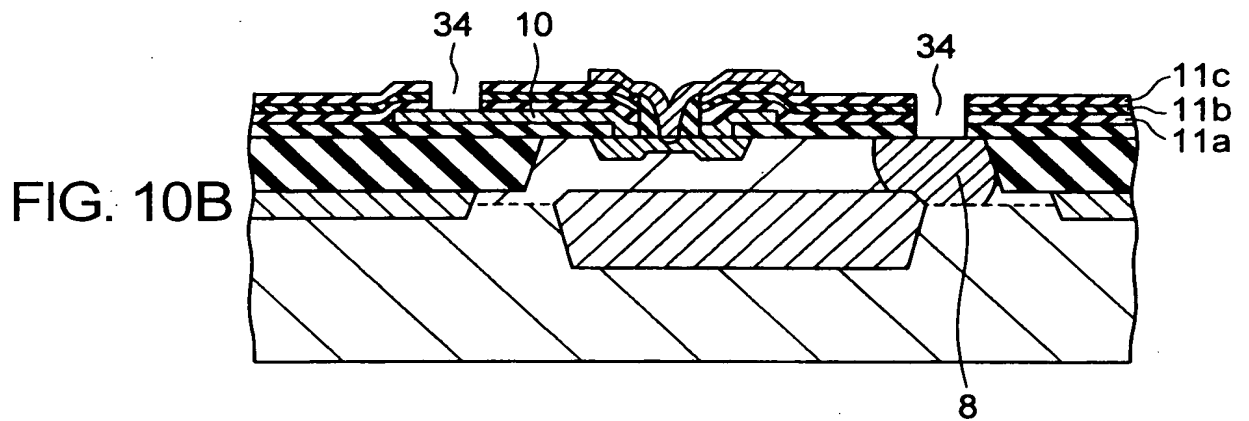
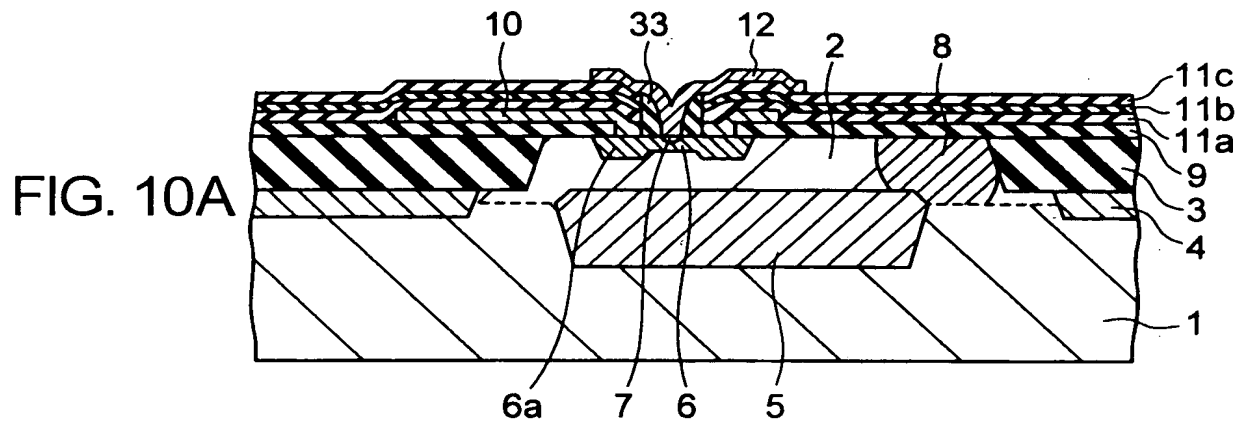


FIG. 7C





A cross-sectional view of a multi-layered structure, labeled 12a. The structure consists of several layers: a top layer with a cross-hatched pattern, a middle layer with diagonal hatching, and a bottom layer with a different diagonal hatching pattern. Five downward-pointing arrows are positioned above the structure, indicating applied pressure or force. The structure shows some deformation and internal layering.



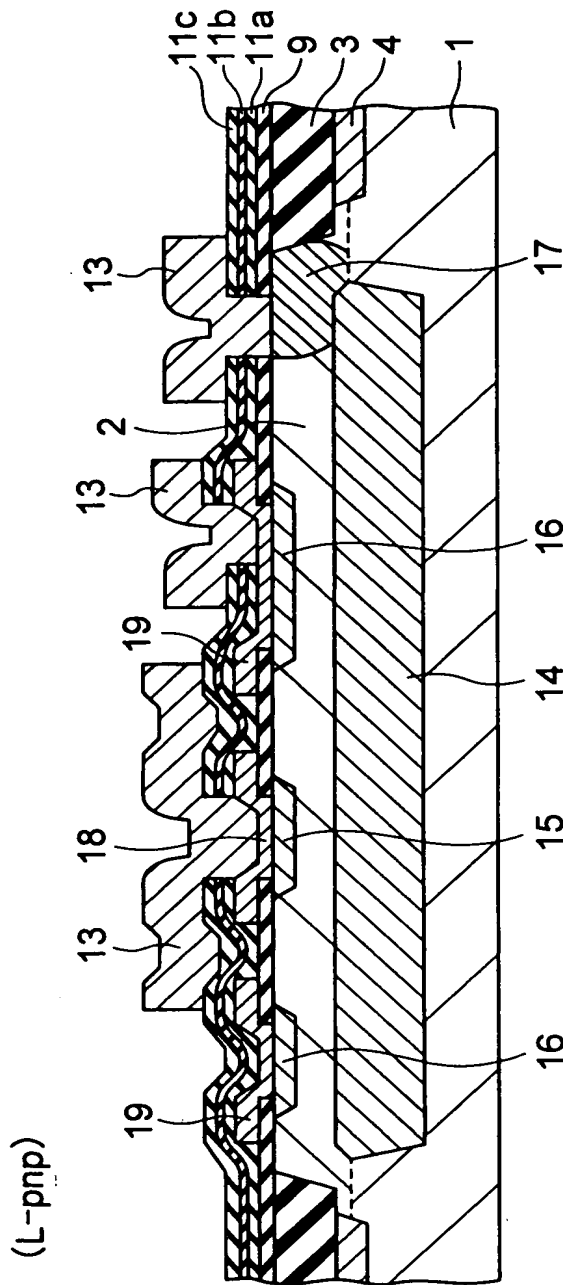


FIG. 11A

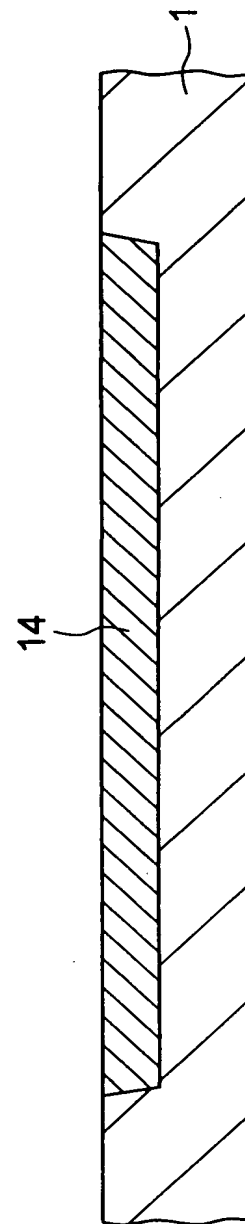


FIG. 11B

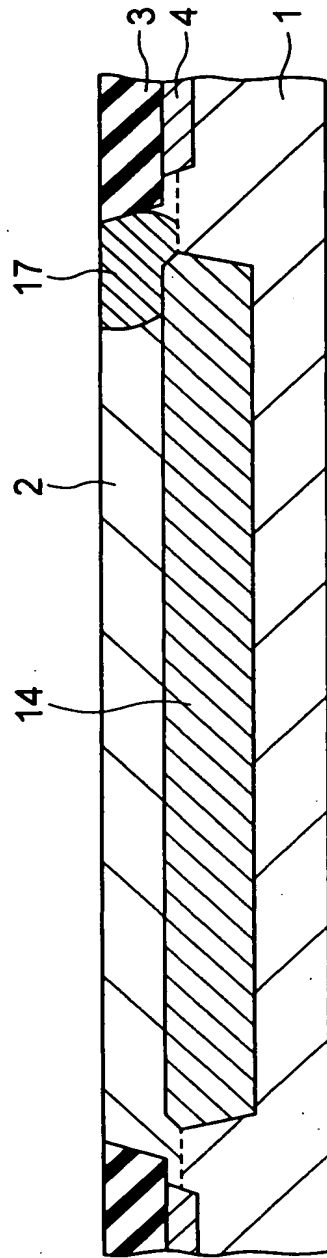


FIG. 12A

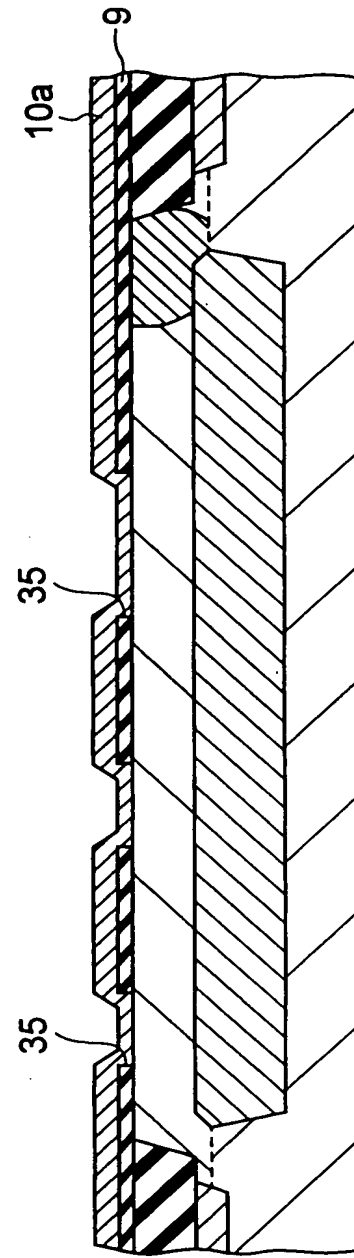


FIG. 12B

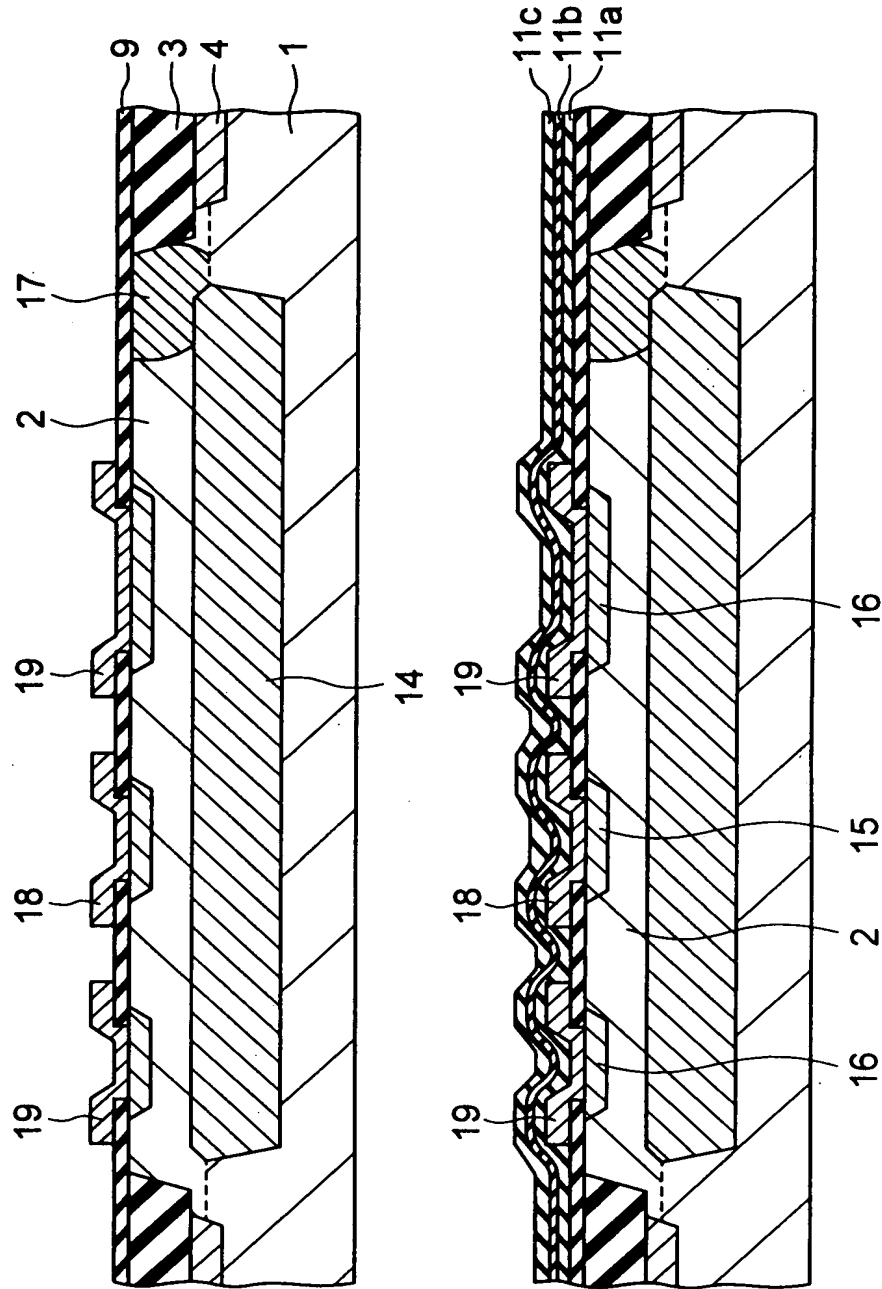


FIG. 13A

FIG. 13B

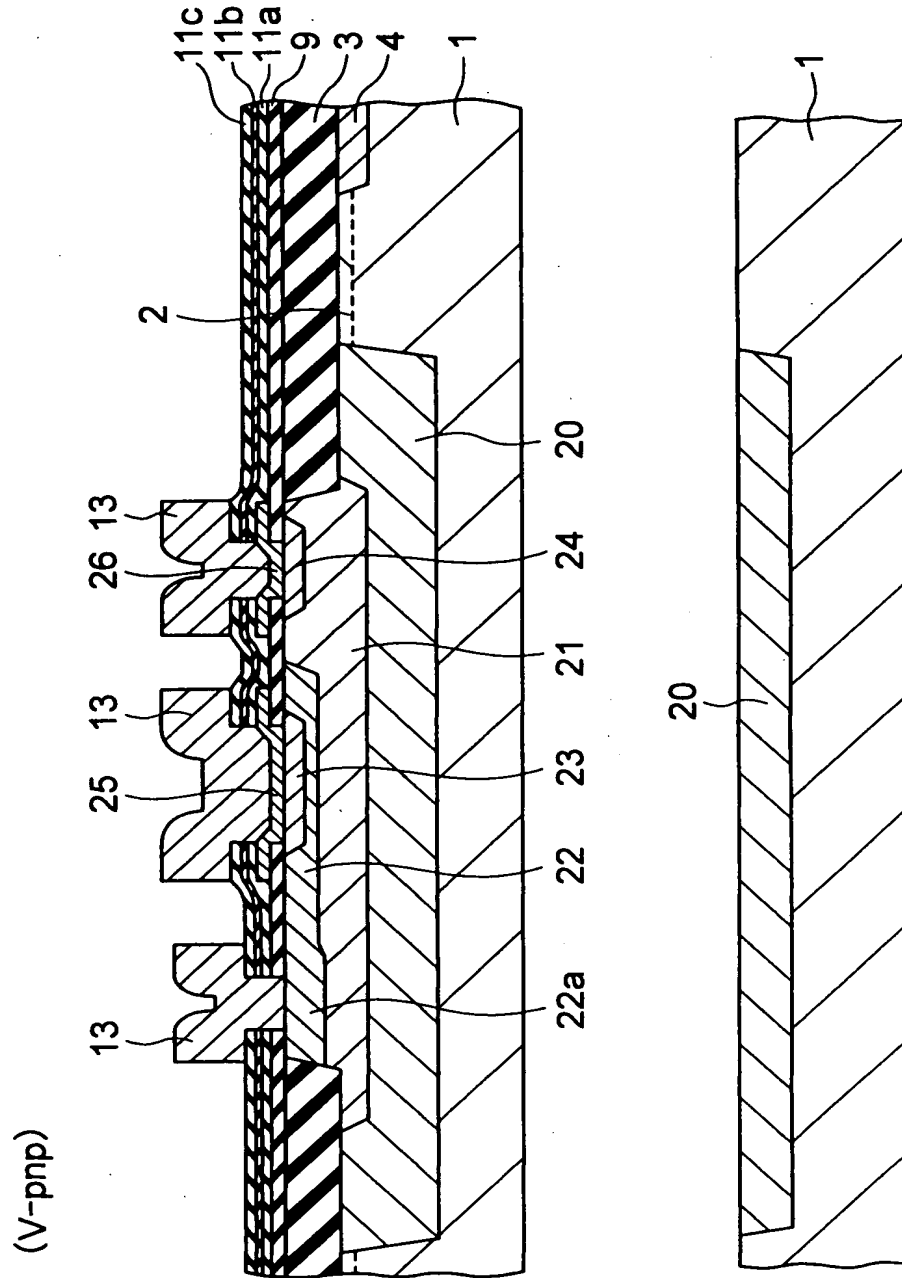


FIG. 14A

FIG. 14B

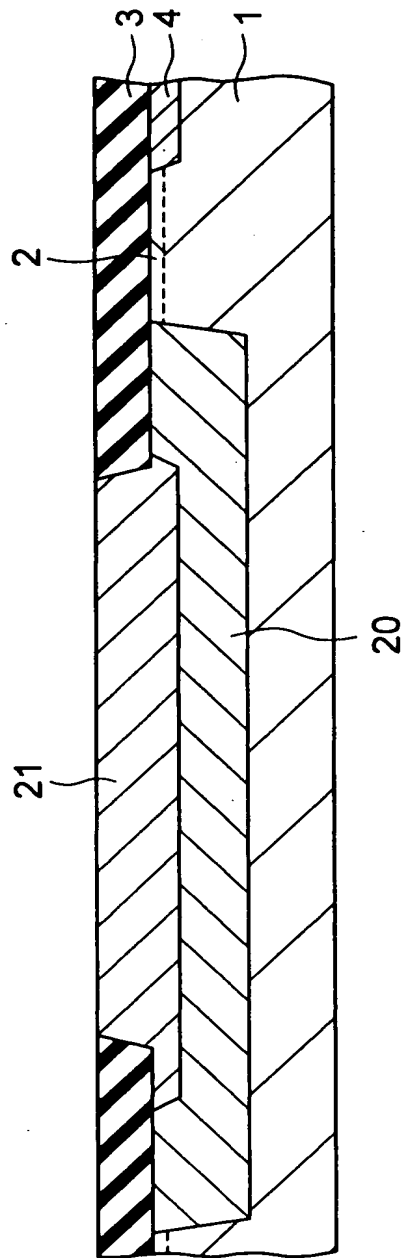


FIG. 15A

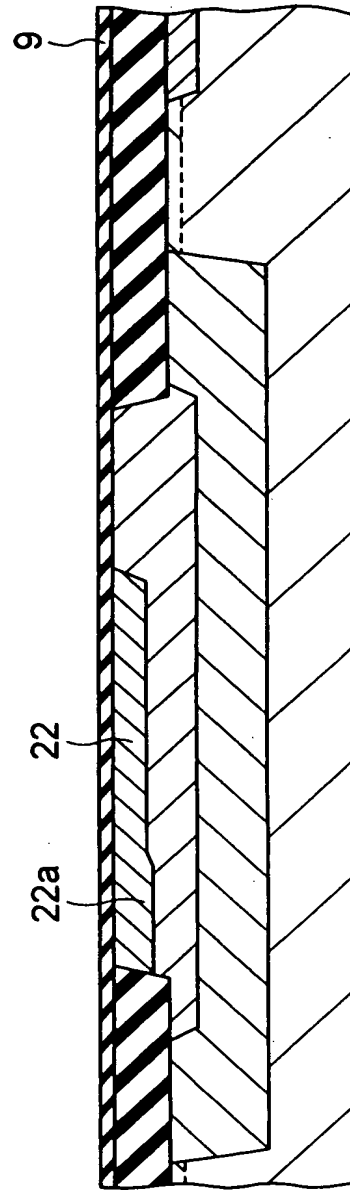


FIG. 15B

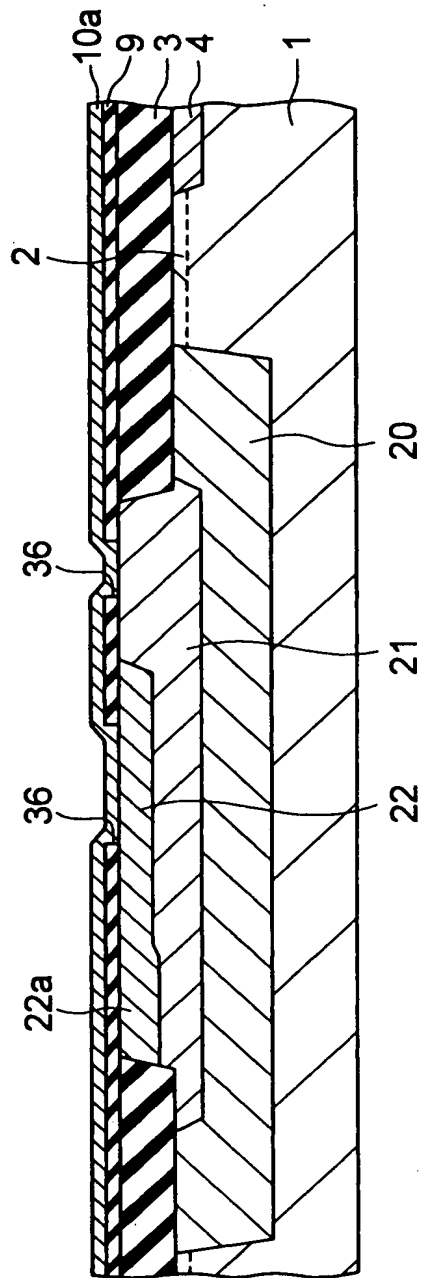


FIG. 16A

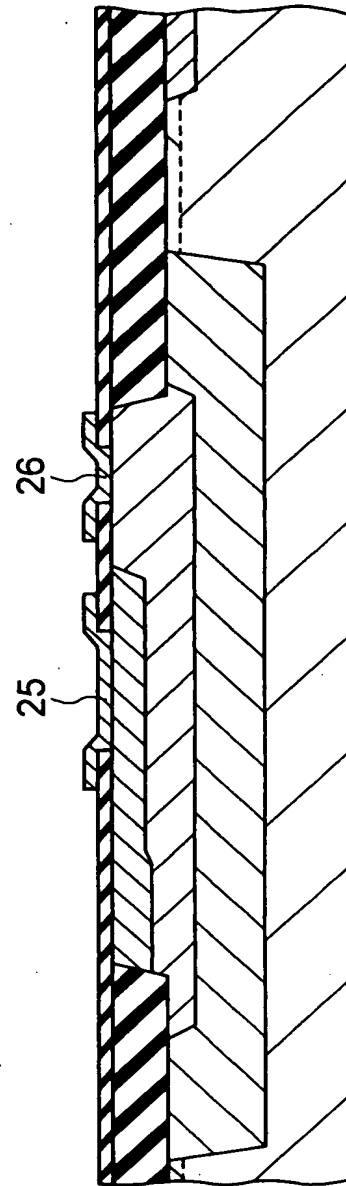


FIG. 16B

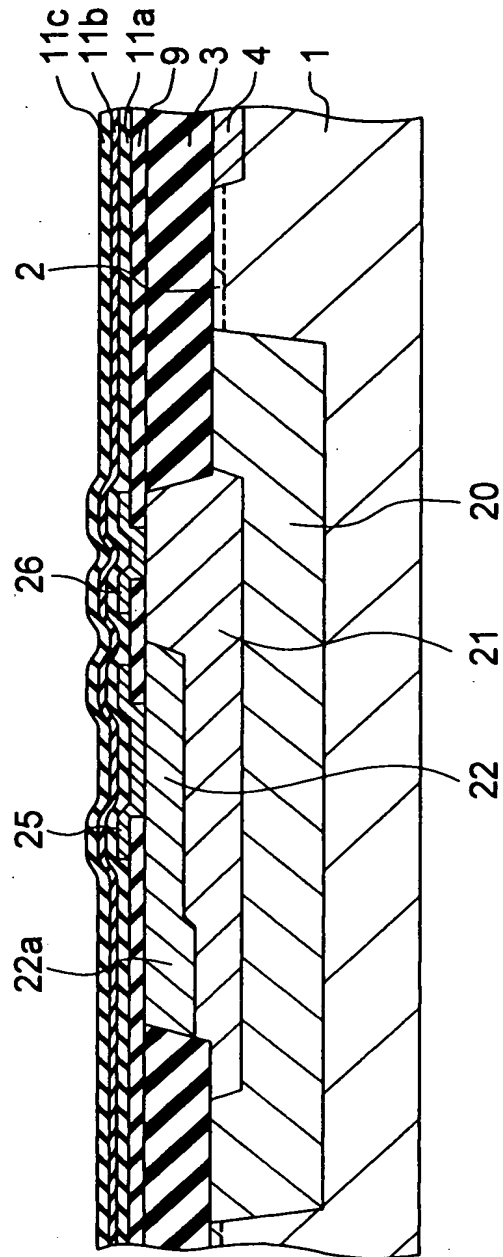


FIG. 17A

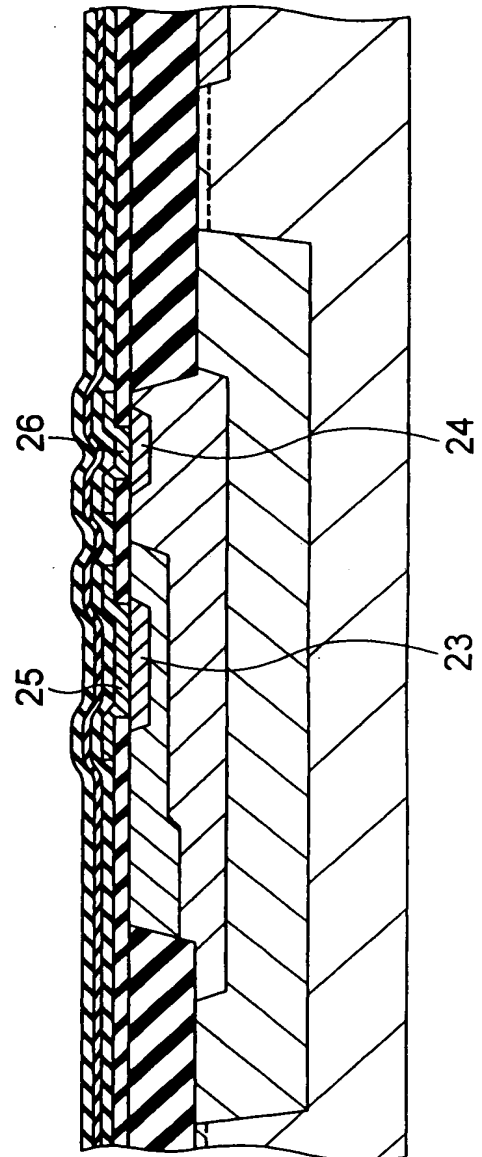


FIG. 17B

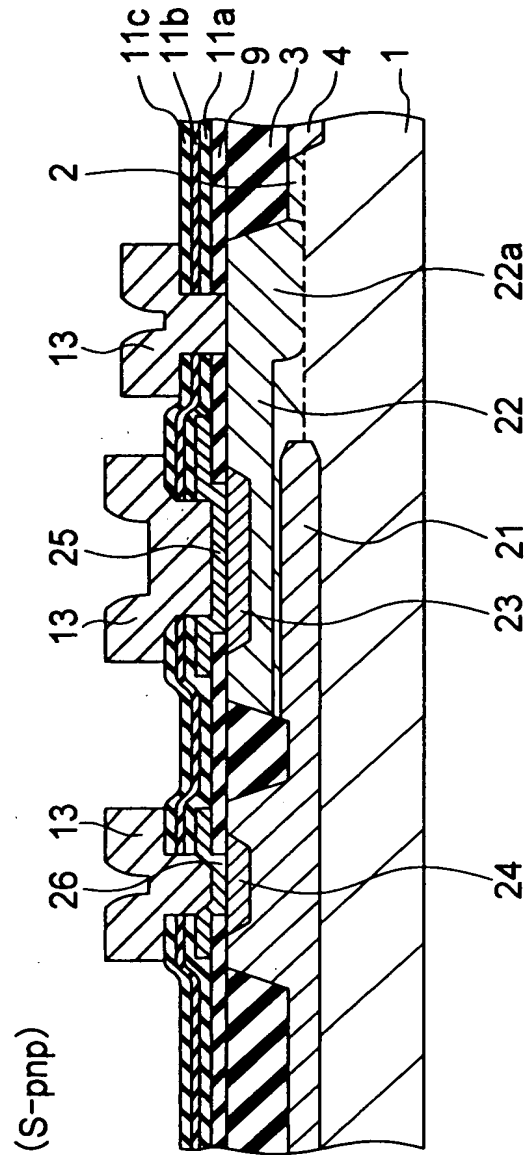


FIG. 18A

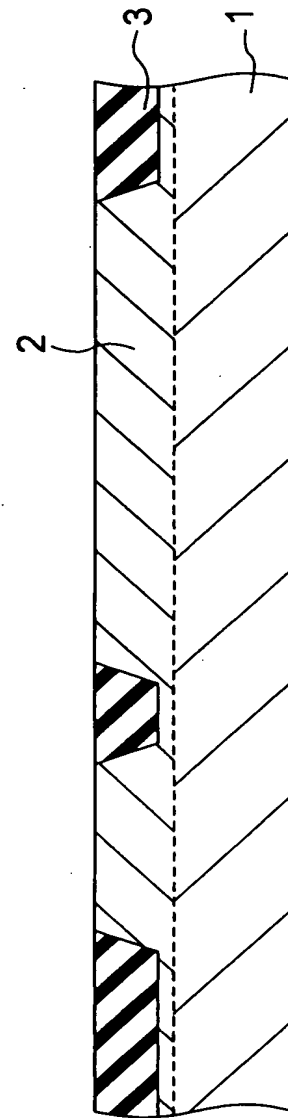


FIG. 18B

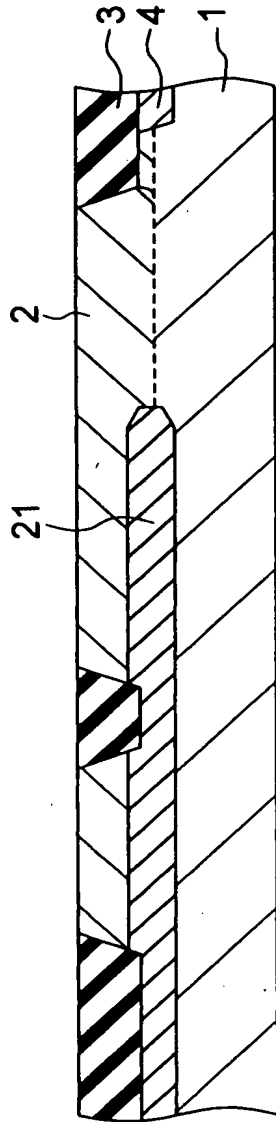


FIG. 19A

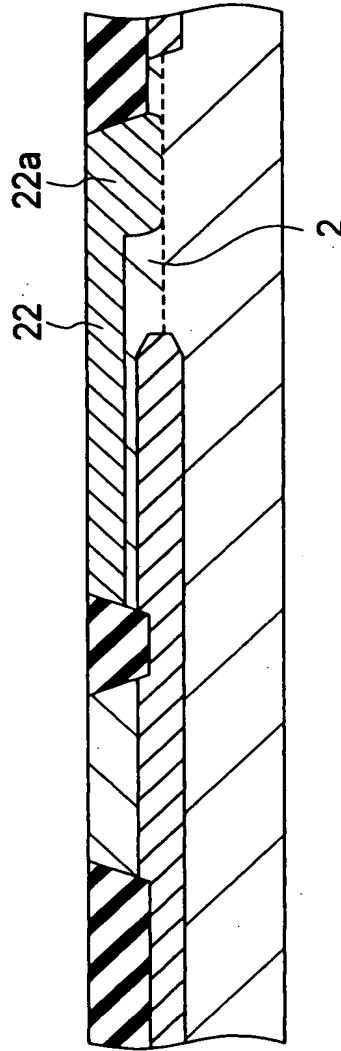


FIG. 19B

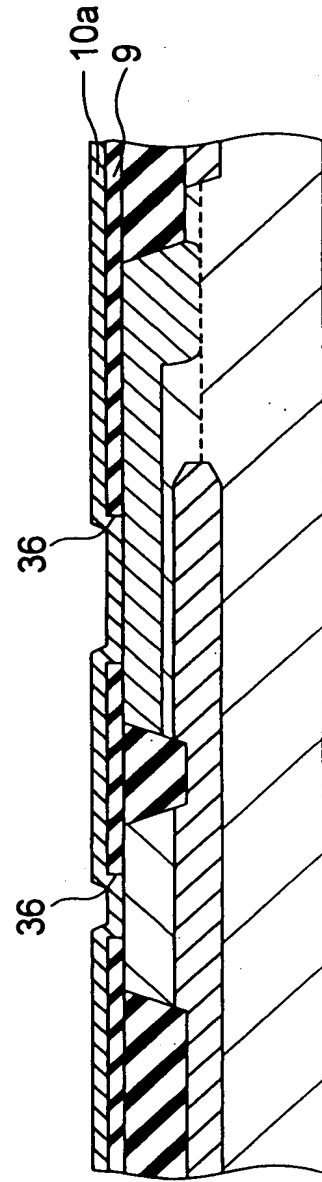


FIG. 19C

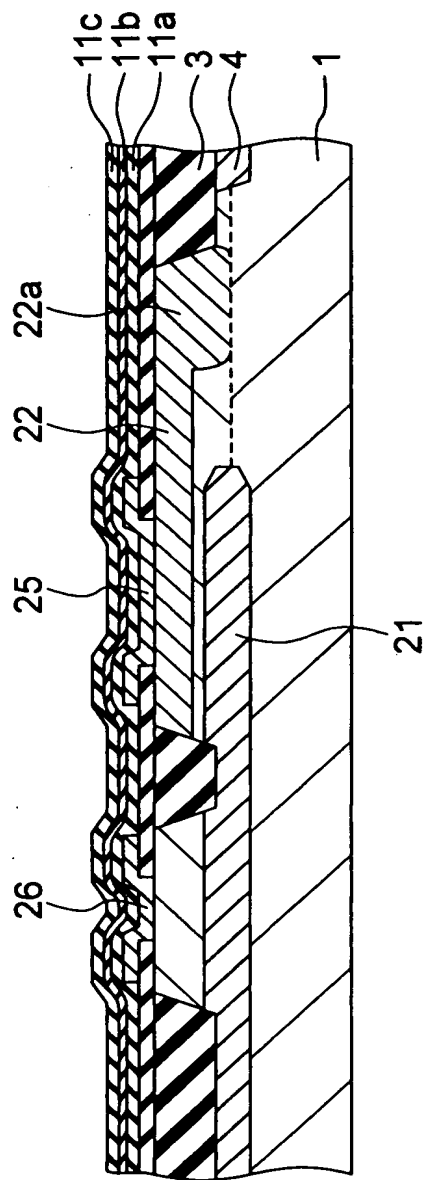


FIG. 20A

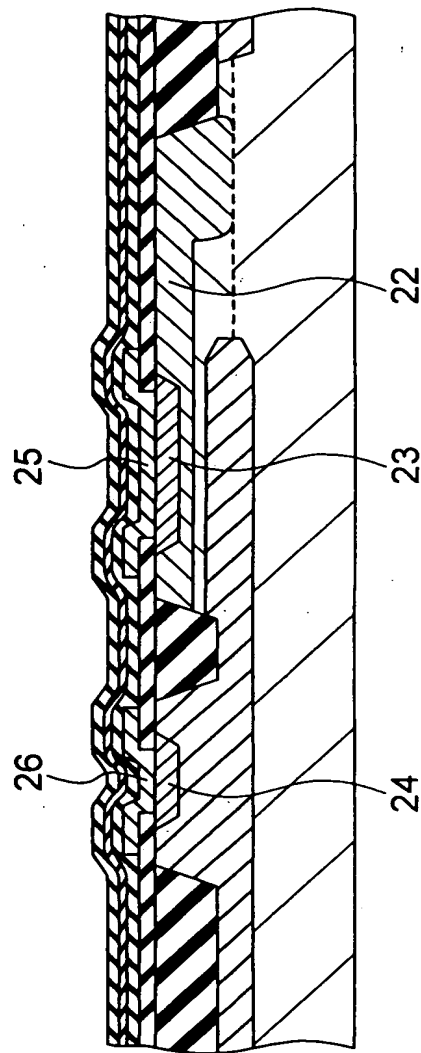
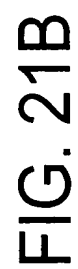
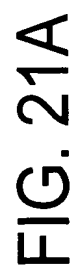


FIG. 20B



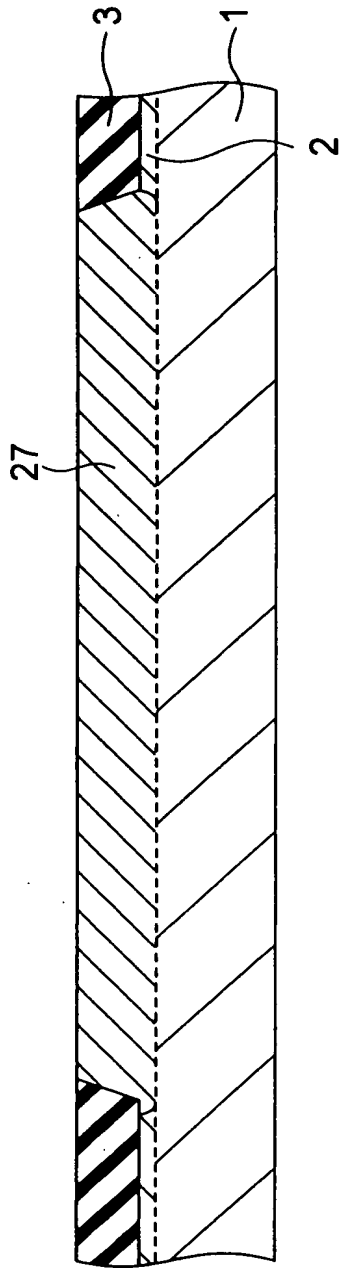


FIG. 22A

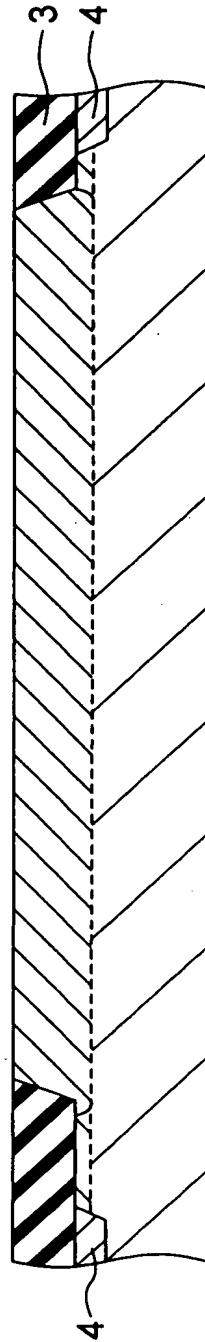


FIG. 22B

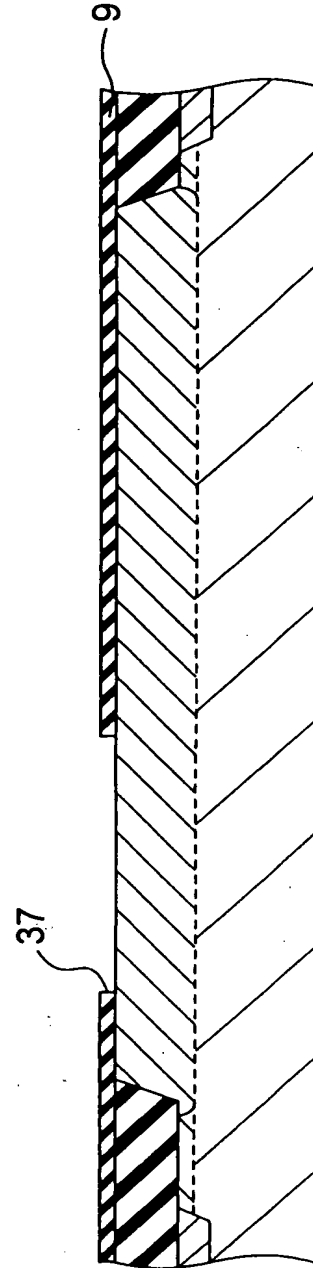


FIG. 22C



